

undertaken as part of the Application.

3.2.14 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Vessel Management Plan ("VMP"), in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with NatureScot, MCA, NLB, RYA, SFF and any such other advisors or organisations as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted.

The VMP must consider and adhere to the protocol of the SMWWC and mitigate any potential impacts from vessel activity to the breeding features of the Firth of Forth Special Protection Area ("SPA") and the Outer Firth of Forth and St Andrews Bay Complex SPA.

The VMP must include, but not be limited to, the following details:

- a) The number, types and specification of vessels required;
- b) The manner in which vessel management will be coordinated, particularly during construction, but also during operation;
- c) Location of working port(s), the routes of passage, the frequency with which vessels will be required to transit between port(s) and the site and indicative vessel transit corridors proposed to be used during construction and operation of the works;

The confirmed individual vessel details must be notified to the Licensing Authority in writing no later than 14 days prior to the Commencement of the Licensed Activity, and thereafter, any changes to the details supplied must be notified to the Licensing Authority, as soon as practicable, prior to any such change being implemented in the construction or operation of the works.

The VMP must consider vessel speed (particularly in transit to and from operational activities), detail avoidance of assemblages of rafting birds and consider sensitive periods of time for disturbance of sensitive qualifying features including but not limited to guillemot fledging and auk post-colony dispersal; and

The VMP must, so far as is reasonably practicable, be consistent with the Construction Method Statement ("CMS"), the Environmental Monitoring Plan ("EMP"), the Navigational Safety Plan ("NSP") and the Fisheries Management and Mitigation Strategy ("FMMS").

3.2.15 The Licensee must, no later than three months prior to the Commencement of the Licensed Activity, submit an Operation and Maintenance Programme ("OMP"), in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with NatureScot, East Lothian Council, SFF and any such other advisors or organisations as may be required at the discretion of the Licensing Authority.

The OMP must set out the procedures and good working practices for operations and the maintenance of the Licensed Activity. Environmental sensitivities, including fisheries sensitivities, which may affect the timing of the operation and maintenance activities must be considered in the OMP.

The OMP must, so far as is reasonably practicable, be consistent with the EMP, the VMP, the NSP and the CaP.

The final OMP must be sent to MCA and the East Lothian Council for information only.

3.2.16 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Navigational Safety Plan ("NSP") in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with MCA, NLB, RYA, SFF and any other navigational advisors or organisations as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted.

The NSP must include, but not be limited to, the following issues:

- a) Navigational safety measures;
- b) Construction exclusion zones;
- c) Notice(s) to mariners and radio navigation warnings;
- d) Anchoring areas;
- e) Temporary construction lighting and marking; and
- f) Buoyage.

The Licensee must confirm within the NSP that they have taken into account and adequately addressed all of the recommendations of the MCA in the current MGN 543, and its annexes that may be appropriate to the Licensed Activity, or any other relevant document which may supersede this guidance prior to approval of the NSP.

3.2.17 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit an Emergency Response Co-operation Plan ("ERCoP") for the construction, operation, maintenance and decommissioning phases of the works, in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with the MCA and any other navigational advisors or organisations as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted. The ERCoP should follow the MCA template and guidance. The ERCoP must be developed in discussion with the MCA.

3.2.18 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Cable Plan ("CaP"), in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with NatureScot, MCA, SFF, SEPA, Inch Cape Offshore Limited and any such other advisors or organisations as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted. The CaP must be in accordance with the Application.

The CaP must include, but not be limited to, the following:

- a) The vessel types used in the Licensed Activity;
- b) The finalised location of the export cable route;
- c) The duration and timings of the Licensed Activity;
- d) The cable laying techniques, including measures to maximise the likelihood of achieving target burial and measures to bury cables where target burial has not initially been achieved;
- e) Measures to ensure the remediation, where practicable, of any seabed obstacles created during construction;
- f) The results of monitoring or data collection work (including geophysical, geotechnical and benthic surveys) which will help inform cable routing;
- g) Technical specification of cables, including a desk based assessment of attenuation of electromagnetic field strengths and shielding;
- h) A cable burial risk assessment, to ascertain burial depths and where necessary alternative protection measures, and a mechanism for risk-based approach to protection measures where target burial has not been achieved;

- i) Survey methods and timescales for monitoring of cables through their operational life, including inspection, over trawl and post-lay; and
- j) Measures to address and report to the Licensing Authority any exposure of cables or risk to users of the sea from cables.

Over trawl surveys must be undertaken no later than six months following the Completion of the Licensed Activity unless otherwise agreed with the Licensing Authority. Methodologies for over trawl and timescales for these taking place must be designed in consultation with the fishing industry, including the FTCFWG, and must include provision for undertaking over trawl on a representative sample of buried cable as well as mechanically protected cable. Results from over trawl surveys must be shared with the Licensing Authority and fishing representatives including the FTCFWG within three months of the over trawl survey being completed.

Use of mechanical protection for the cable, including the type of protection to be used, must be carefully planned in consultation with the fishing industry, including the FTCFWG.

Any licensed cable protection works must ensure existing and future safe navigation is not compromised. The Licensing Authority will accept a maximum of 5% reduction in surrounding depth referenced to Chart Datum. Any greater reduction in depth must be agreed in writing by the Licensing Authority, in consultation with MCA and NLB.

3.2.19 The Licensee must, no later than five days prior to Commencement of the Licensed Activity, notify the United Kingdom Hydrographic Office ("UKHO") of the proposed works to facilitate the promulgation of maritime safety information and updating of admiralty charts and publications through the national Notice to Mariners system.

The Licensee must, no later than one calendar month prior to Commencement of the Licensed Activity, ensure that local mariner's organisations and local fishermen's organisations and HM Coastguard are made fully aware of the works through local Notice to Mariners or by any other appropriate means.

The Licensee must ensure that details of the Licensed Activity are promulgated in the Kingfisher Fortnightly Bulletin, no later than one calendar month prior to the Commencement of the Licensed Activity to inform the commercial fishing industry of the vessel routes and the timing and location of the construction activities.

3.2.20 The Licensee must participate in the Forth and Tay Regional Advisory Group ("FTRAG") or any successor group, established by the Licensing Authority for the purpose of advising the Licensing Authority on research, monitoring and mitigation programmes. The extent and nature of the Licensee's participation in the Regional Advisory Group is to be agreed by the Licensing Authority.

3.2.21 The Licensee must no later than six months prior to the Commencement of the Licensed Activity, submit a Fisheries Management and Mitigation Strategy ("FMMS"), in writing, to the Licensing Authority for its written approval, in consultation with Scottish Fishermen's Federation and other fisheries representatives. Commencement of the Licensed Activity cannot take place until such approval is granted. The FMMS must be defined and finalised in consultation with the Forth and Tay Commercial Fisheries Working Group ("FTCFWG").

In order to inform the production of the FMMS, the Licensee must monitor or collect data as relevant and agreed with Licensing Authority.

The FMMS must include a transit plan, which must lay out guidelines to address potential interactions with fishing activity, for vessels operating in and around the works and transiting to the works.

As part of any finalised FMMS, the Licensee must produce and implement a mitigation strategy for each commercial fishery that can prove to the Licensing Authority that they would be adversely affected by the works. Fishing Liaison with Offshore Wind and Wet Renewables Group guidance must be adhered to in this respect. The Licensee any contractors, or sub-contractors working for the Licensee must implement the mitigation measures committed to be carried out by the Licensee within the FMMS. The Licensee must participate in and remain a member of the FTCFWG or any successor group formed to facilitate commercial fisheries dialogue.

3.2.22 Prior to the Commencement of the Licensed Activity, the Licensee must, at its own expense, and with the approval of the Licensing Authority in consultation with NatureScot, appoint an independent Environmental Clerk of Works ("ECoW"). The ECoW must be appointed in time to review and approve the draft versions of the first plans or programmes required to be submitted under the conditions of the licence to the Licensing Authority, in sufficient time for any pre-construction monitoring requirements, and remain in post until agreed by the Licensing Authority. The terms of appointment must also be approved by the Licensing Authority in consultation with NatureScot.

The terms of the appointment must include, but not be limited to:

- a. Quality assurance of final draft versions of all plans and programmes required under the licence;
- b. Responsible for the monitoring and reporting of compliance with the licence conditions and the environmental mitigation measures for the works authorised by the licence;
- c. Provision of on-going advice and guidance to the Licensee in relation to achieving compliance with licence conditions, including but not limited to the conditions relating to and the implementation of the CMS, the EMP, the CaP and the VMP;
- d. Provision of reports on point b & c above to the Licensing Authority at timescales to be determined by the Licensing Authority;
- e. Induction and toolbox talks to onsite construction teams on environmental policy and procedures, including temporary stops and keeping a record of these;
- f. Monitoring that the works are being constructed in accordance with the plans and the licence, the Application and in compliance with all relevant regulations and legislation;
- g. Reviewing and reporting incidents/near misses and reporting any changes in procedures as a result to the Licensing Authority; and
- h. Agreement of a communication strategy with the Licensing Authority.

3.2.23 Prior to the Commencement of the Licensed Activity, a Fisheries Liaison Officer ("FLO"), must be appointed by the Licensee and approved, in writing, by the Licensing Authority (following consultation with SFF and the FTCFWG). The FLO must be appointed by the Licensee for the period from Commencement of the Licensed Activity until the Completion of the Licensed Activity. The identity and credentials of the FLO must be included in the EMP (referred to in condition 3.2.13). The FLO must establish and maintain effective communications between the Licensee, any contractors or sub-contractors, fishermen and other users of the sea during the construction of the works, and ensure compliance with best practice guidelines whilst doing so.

The responsibilities of the FLO must include, but not be limited to:

- a. Establishing and maintaining effective communications between the Licensee, any contractors or sub-contractors, fishermen and other users of the sea concerning the overall works and any amendments to the CMS and site environmental procedures;
- b. The provision of information relating to the safe operation of fishing activity on the site of the works; and
- c. Ensuring that information is made available and circulated in a timely manner to minimise interference with fishing operations and other users of the sea.

3.2.24 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Protocol for Archaeological Discoveries ("PAD") and a Written Scheme of Investigation ("WSI") which sets out what the Licensee must do on discovering any marine archaeology during the construction, operation, maintenance and monitoring of the works, in writing, to the Licensing Authority for its written approval. Commencement of the Licensed Activity cannot take place until such approval is granted. Such approval may be given only following consultation by the Licensing Authority with HES and any such advisors as may be required at the discretion of the Licensing Authority. The Reporting Protocol must be implemented in full, at all times, by the Licensee.

3.2.25 In the event that any construction materials required during the construction of the works require to be transported by road by heavy goods vehicle ("HGV"), the assessment of which is not fully covered by condition 9 submitted in respect of the planning permission for the onshore works (planning reference: 21/00290/PPM) , the Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Construction Traffic Management Plan ("CTMP") in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with Transport Scotland and any such other advisors as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted.

The CTMP must include:

- a) An assessment of the potential environmental impacts associated with the increase in HGV traffic on the surrounding road network, in line with the thresholds contained within the Institute of Environmental Management and Assessment Guidelines for Road Traffic. These specify that road links should be taken forward for detailed assessment if:
 - Traffic flows will increase by more than 30%, or
 - The number of HGVs will increase by more than 30%, or
 - Traffic flows will increase by 10% or more in sensitive areas.
- b) If any abnormal loads are likely to be required during construction, a mitigation strategy for the abnormal loads on the trunk road network including swept path analysis and any accommodation measures required, incorporating the removal of street furniture, junction widening, or traffic management of road based traffic and transportation associated with the construction of the works. All construction traffic associated with the works must conform to the approved CTMP; and
- c) Any additional signing or temporary traffic control measures deemed necessary due to the size or length of loads being delivered as a result of the works.

3.2.26 The Licensee must monitor and provide a report on the electromagnetic fields ("EMF") produced by the works to the Licensing Authority. The Licensee must agree the methodologies and timescales for monitoring with the Licensing Authority prior to the Commencement of the Licensed Activity as part of wider strategic monitoring on EMF. Any agreement must be adhered to unless otherwise agreed and approved by the Licensing Authority.

3.2.27 The Licensee must, no later than six months prior to the Commencement of the Licensed Activity, submit a Development Specification and Layout Plan, in writing, to the Licensing Authority for its written approval. Such approval may only be granted following consultation by the Licensing Authority with NatureScot, RYA, MCA, NLB, SFF and any such other advisors or organisations as may be required at the discretion of the Licensing Authority. Commencement of the Licensed Activity cannot take place until such approval is granted.

The DSLP must include, but not be limited to, the length and proposed arrangements on the seabed of all export cables.

3.3 During the Licensed Activity

3.3.1 The Licensee must ensure that copies of the licence and any subsequent amendments or variations are available for inspection at any reasonable time by any person authorised by the Licensing Authority at:

- a. the premises of the Licensee;
- b. the premises of any agent, contractor or sub-contractor acting on behalf of the Licensee;
- c. any onshore premises directly associated with the works; and
- d. aboard any vessels permitted to engage in the works.

3.3.2 The Licensee must ensure that a copy of the licence is given to each contractor and sub-contractor employed to undertake the Licensed Activity.

3.3.3 The Licensee must ensure the best method of practice is used to minimise re-suspension of sediment during the Licensed Activity.

3.3.4 The Licensee must ensure appropriate steps are taken to minimise damage to the seabed by the Licensed Activity.

3.3.5 Any persons authorised by the Licensing Authority must be permitted to inspect the works. The Licensee must, as far as reasonably practicable, on being given reasonable notice by the Licensing Authority (of at least 72 hours), provide transportation to and from the Location of the Licensed Activity for any persons authorised by the Licensing Authority to inspect the works.

3.3.6 The licensee shall ensure that the works are maintained at all times in good repair.

3.3.7 The Licensee must notify the UKHO of the progress of the construction of the works to facilitate the promulgation of maritime safety information and updating of admiralty charts and publications through the national Notice to Mariners system.

3.3.8 The Licensee must ensure that progress of the works is promulgated regularly in the Kingfisher Fortnightly Bulletin to inform the commercial fishing industry of the vessel routes and the timing and location of the construction activities.

3.3.9 The Licensee must ensure that any vessels permitted to engage in the construction of the works are marked in accordance with the International Rules for the Prevention of Collisions at Sea whilst under way, and in accordance with the UK Standard Marking Schedule for Offshore Installations if the vessel is secured to the seabed.

3.3.10 The Licensee must ensure that construction of the works at landfall employs trenchless techniques. Trenching is not permitted in the intertidal area.

3.3.11 The Licensee must ensure that the works in the nearshore area (with "nearshore area" defined as from MHWS to 1 kilometre ("km") below MHWS) do not exceed approximately two weeks in total, with the exception of the Horizontal Directional Drilling ("HDD") works.

3.4 Upon Completion of the Licensed Activity

3.4.1 The Licensee must undertake and submit to the Licensing Authority, within eight weeks of the Completion of the Licensed Activity (subject to operational constraints), an assessment of any risks posed by the final sub-sea cable route, burial depths and un-trenched areas where mechanical and any other protection measures were used within the cable route, to the satisfaction of the Licensing Authority, the purpose of which is to ensure that the safety of navigation and other legitimate users of the sea is not compromised.

3.4.2 The Licensee must, following installation, notify the Kingfisher Information Service Offshore Renewables and Cable Awareness and the UK International Cable Protection Committees of the "as laid" cable corridor and a 500m zone either side of it as a hazardous area for anchoring.

3.4.3 The Licensee must, no later than one calendar month following the Completion of the Licensed Activity submit a final audit report, in writing, to the Licensing Authority stating the nature and quantity of all substances and objects deposited below MHWS and all materials used in construction within the Scottish and UK marine area under the authority of the licence.

3.4.4 The Licensee must ensure the seabed is returned to the original profile, or as close as reasonably practicable, following the Completion of the Licensed Activity.

3.4.5 The Licensee must, no later than one calendar month following the Completion of the Licensed Activity notify the Licensing Authority, in writing, of the date of the Completion of the Licensed Activity.

3.4.6 The Licensee must notify the UK Hydrographic Office within 5 days after Completion of the Licensed Activity to permit the promulgation of maritime safety information and updating of nautical charts and publications through the national Notice to Mariners system. Such notification must include a copy of the licence, and wherever possible, 'as built plans', in order that all necessary amendments to nautical publications are made

3.4.7 The Licensee must complete and submit a Close-out Report for the licensable marine activities that produced loud, low to medium frequency (10Hz-10kHz) impulsive noise in the online Marine Noise Registry no later than at 6 month intervals during the validity of the licence.

3.4.8 The Licensee must operate and maintain the works in accordance with the approved OMP. The OMP and any subsequent amendments must be approved by the Licensing Authority.

The Licensing Authority must be notified at least three calendar months or such other period as agreed by the Licensing Authority in advance of any maintenance of the works not included in the OMP and involving licensable marine activities not covered under the licence.

3.4.9 The Licensee must take all reasonable, appropriate and practicable steps at the end of the operational life of the works to restore the Location of the Licensed Activity to its original pre-construction condition, or to as close to its original condition as is reasonably practicable and to the satisfaction of the Licensing Authority.

3.4.10 The Licensee must ensure that post installation hydrographic surveys of the Location of the Licensed Activity must be carried out in accordance with MCA's Marine Guidance Note ("MGN") 543 and any appropriate updates, complete post-installation hydrographic surveys of the location of the Licensed Activity or subsections thereof, to the IHO Order 1a survey standard. On completion of these surveys the data and a corresponding report of survey must

be supplied to the UKHO, with notification to the MCA hydrography manager and the Licensing Authority.

3.4.11 The Licensee must ensure that local mariners, fishermen's organisations and HM Coastguard, in this case the National Maritime Coastguard Centre are made fully aware of the Completion of the Licensed Activity. The Licensee must ensure that the Completion of the Licensed Activity is promulgated in the Kingfisher Fortnightly Bulletin to inform the commercial fishing industry.

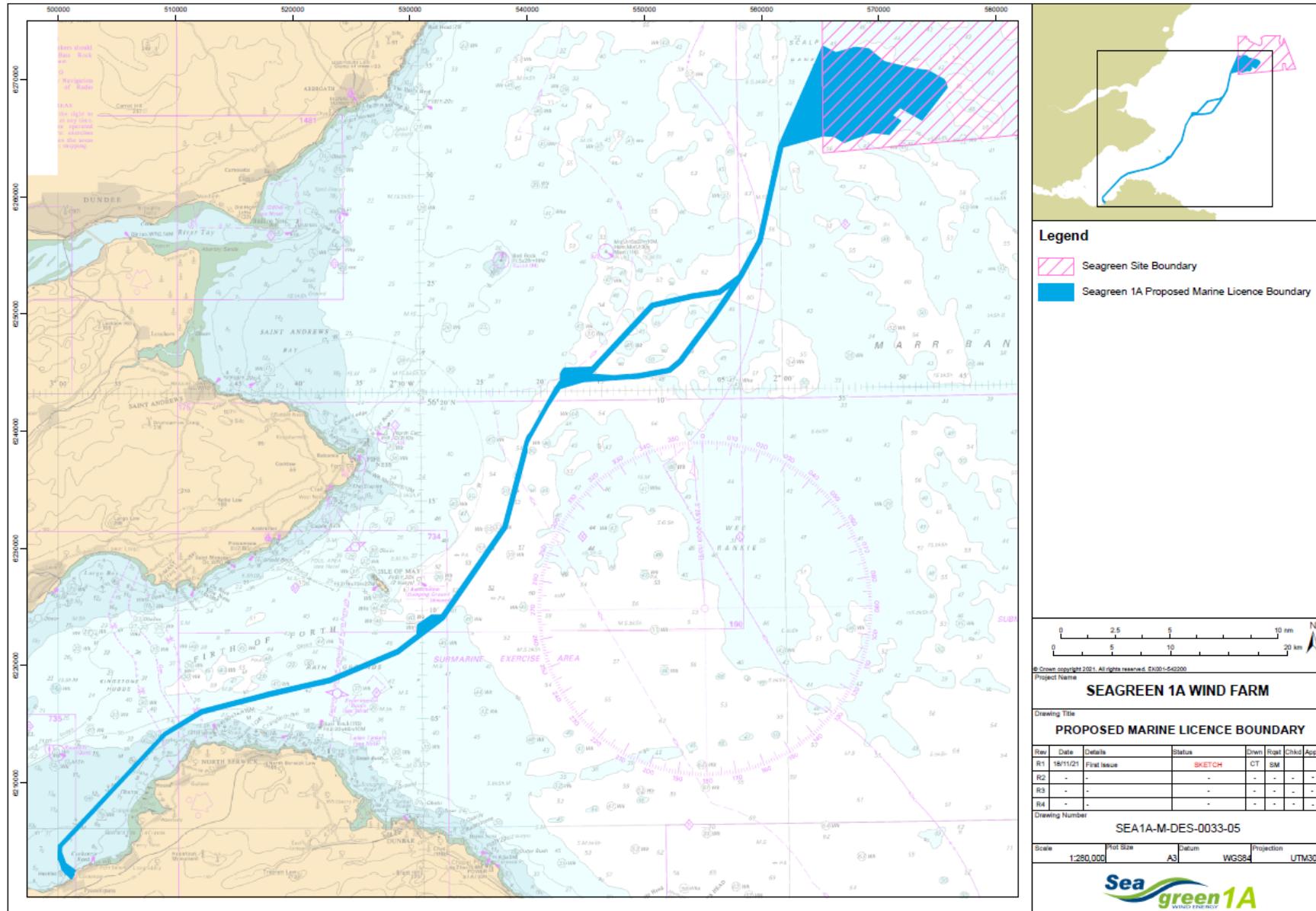
3.4.12 The Licensee must ensure that the footprint of the completed works does not exceed approximately six metres in width in the nearshore area (with "nearshore area" defined as from MHWS to 1km below MHWS).

NOTES



1. You are deemed to have satisfied yourself that there are no barriers, legal or otherwise, to the carrying out of the licensed activity. The issue of the licence does not absolve the licensee from obtaining such authorisations, consents etc which may be required under any other legislation.
2. In the event that the licensee wishes any of the particulars set down in the Schedule to be altered, the licensing authority must be immediately notified of the alterations. It should be noted that changes can invalidate a licence, and that an application for a new licence may be necessary.

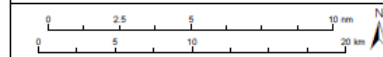
Annex One to Marine Licence MS-00009923

Chart Showing the Location of the Licensed Activity



Legend

-  Seagreen Site Boundary
-  Seagreen 1A Proposed Marine Licence Boundary



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Project Name
SEAGREEN 1A WIND FARM

Drawing Title
PROPOSED MARINE LICENCE BOUNDARY

Rev	Date	Details	Status	Drawn	Revised	Checked	Approved
R1	15/11/21	First Issue	SKETCH	CT	SM	-	-
R2	-	-	-	-	-	-	-
R3	-	-	-	-	-	-	-
R4	-	-	-	-	-	-	-

Drawing Number
SEA1A-M-DES-0033-05

Scale 1:280,000 Plot Size A3 Datum WGS84 Projection UTM30N

